

Notice of Allowability

Application No.

10/634,610

Examiner

Patricia T. Nguyen

Applicant(s)

CONRAD ET AL.

Art Unit

2817

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 8/29/2006.
2. ☒ The allowed claim(s) is/are 1,3-6,8-13,15,17,18 and 20-22.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claims 3-5, line 1, " of claim 2" has been changed to -- of claim 1 -- because the limitations of claim 2 had been incorporated into claim 1 and claim 2 had been canceled.

Claims 8, 9, and 11, line 1, " of claim 7" has been changed to -- of claim 6 -- because the limitations of claim 7 had been incorporated into claim 6 and claim 7 had been canceled.

Claim 17, line 1, " of claim 16" has been changed to -- of claim 15 -- because the limitations of claim 16 had been incorporated into claim 15 and claim 16 had been canceled.

Allowable Subject Matter

Claims 1, 3-6, 8-13, 15, 17, 18, and 20-22 are allowed.

The following is an examiner's statement of reasons for allowance: prior art, U.S. Patent # 6,597,242 B2 does not teach nor render obvious a power amplifier circuit that

has, in combination with other limitations, the scalable power amplifier further includes an amplifier configuration circuit operatively responsive to the power output level data to selectively activate the selectively activated amplifier elements by at least reducing power to at least one of the selectively activated amplifier elements; neither does it have the corresponding voltage supply switch couples the first reference potential to the corresponding amplifier in response to a device configuration signal associated with the first power output level, and the corresponding voltage supply switch reduces the first reference potential to the corresponding amplifier in response to a device configuration signal associated with the second power output level; nor does it have a variable bias circuit operatively coupled to the device configuration circuit to receive bias control data and to responsively produce a bias control signal in response to bias control data to control a bias of at least one of the selectively activated amplifier elements; nor does it have the selectively activated amplifier elements are selectively activated by at least one of reducing power to at least one of the selectively activated amplifier elements, increasing power to at least one of the selectively activated amplifier elements and controlling a bias of at least one of the selectively activated amplifier elements.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patricia T. Nguyen whose telephone number is (571) 272-1768. The examiner can normally be reached on 6:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on 571-272-1769. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PTN
September 13, 2006

Patricia Nguyen

**PATRICIA NGUYEN
PRIMARY EXAMINER**